

Name:

Date:

Quiz 4.2 to 4.4

State the domain and range of each relation. Tell whether it is a function.

① $\{(2, 8), (4, 6), (3, 7), (5, 8), (6, 7)\}$

②

x	2	0	1	-2	3	-2
y	4	3	5	-8	7	3

③ Determine the relationship between x & y
give an equation.

x	1	2	3	4	5
y	3	6	9	12	15

Graph each function for the given domain

⑧ $2x - y = 2$; $D: \{-2, -1, 0, 1\}$

Graph the function

⑨ $f(x) = 3x + 4$

⑩ $y + 5 = 3x$



Write a function given the following.

(14) $-8, -3, 2, 7, 12, \dots$

(a) Find the 39^{th} term.

(15) $\frac{1}{2}, 1, 1\frac{1}{2}, 2, 2\frac{1}{2}, \dots$

(a) Find the 102^{nd} Term.